

In Vitro Growth of CD4+ Peripheral Blood T Cells in Serum-Free Medium

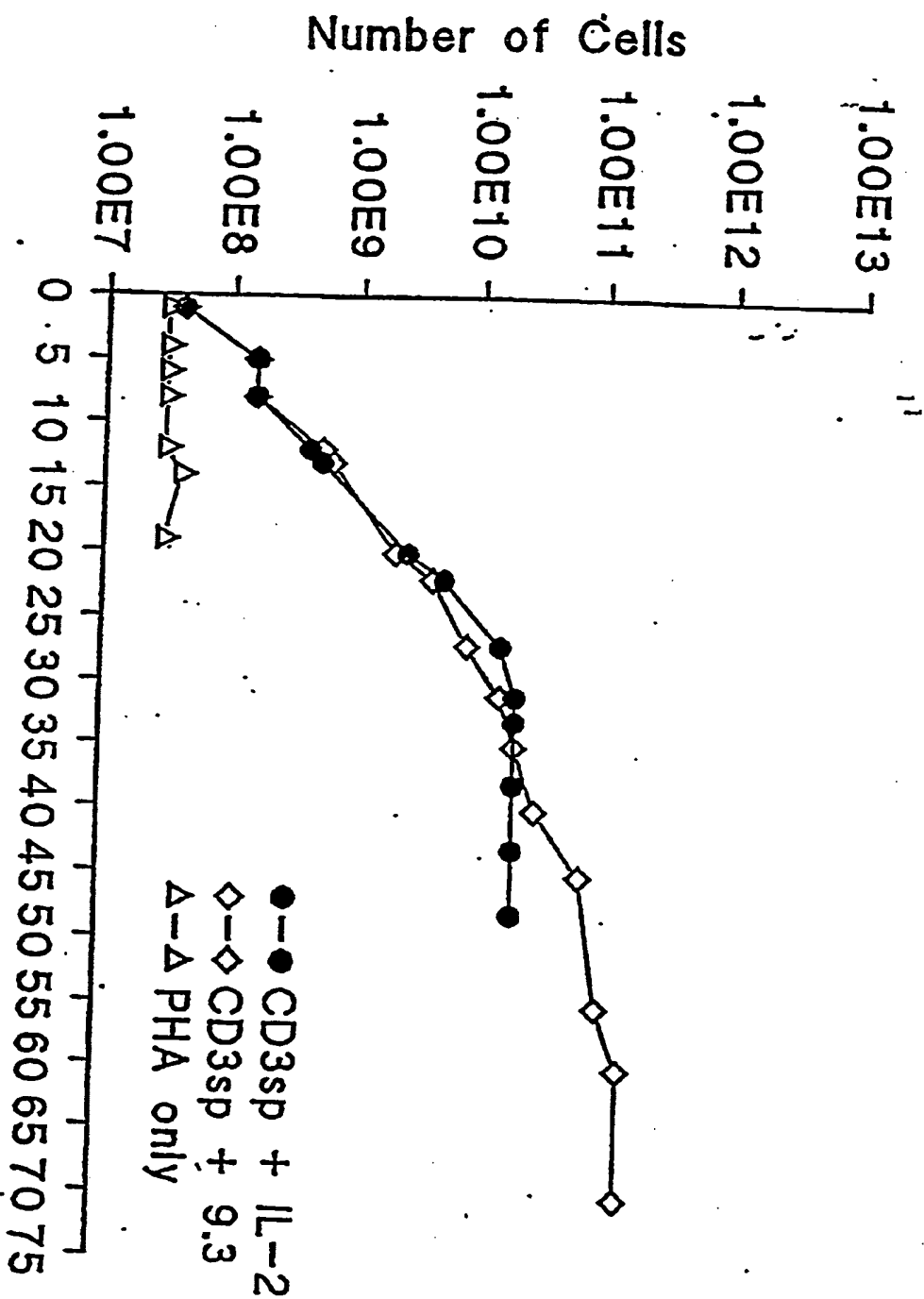


FIG. 1

GAMMA/DELTA NO. 7

(RPMI w/ 10% FCS)

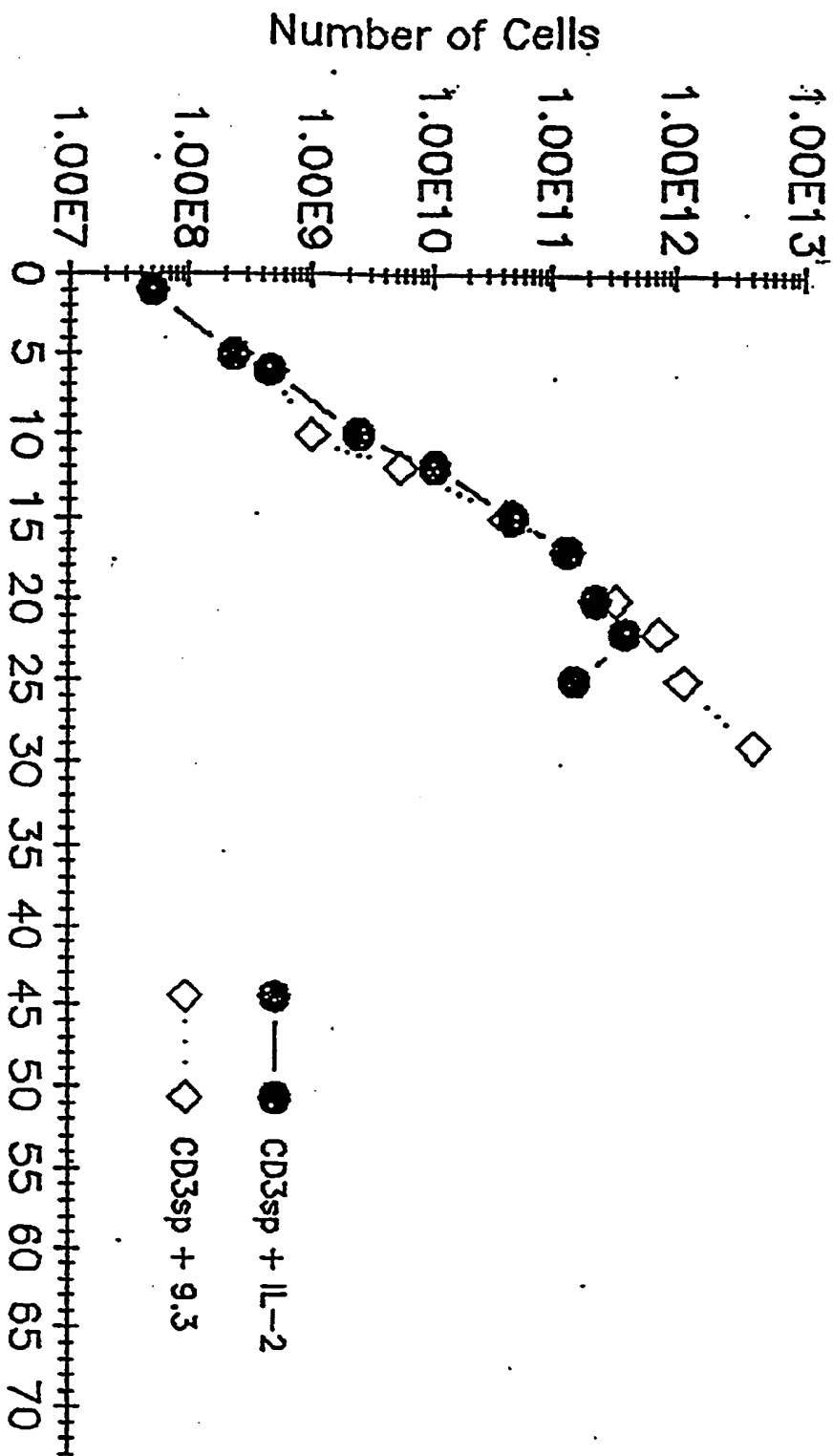


FIG. 2

LT #13: GROWTH CURVES

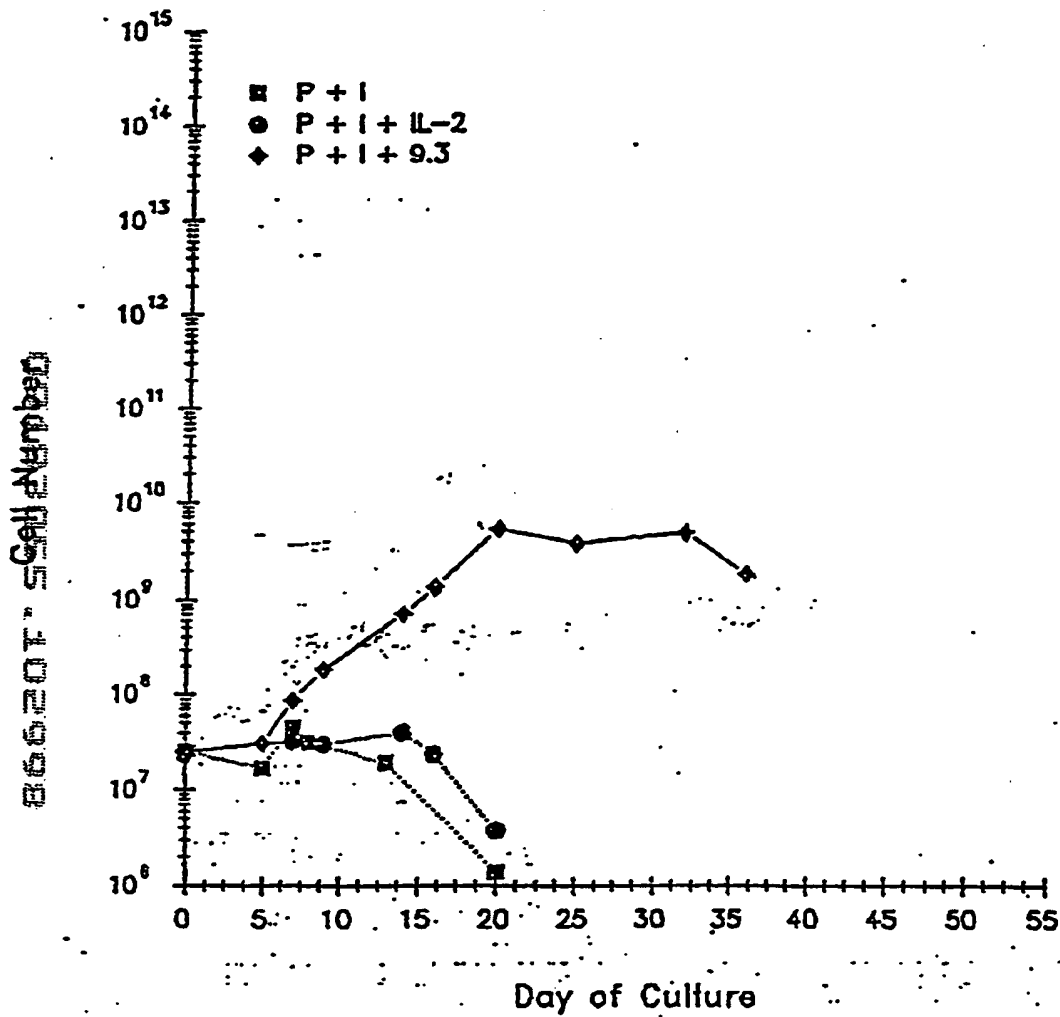
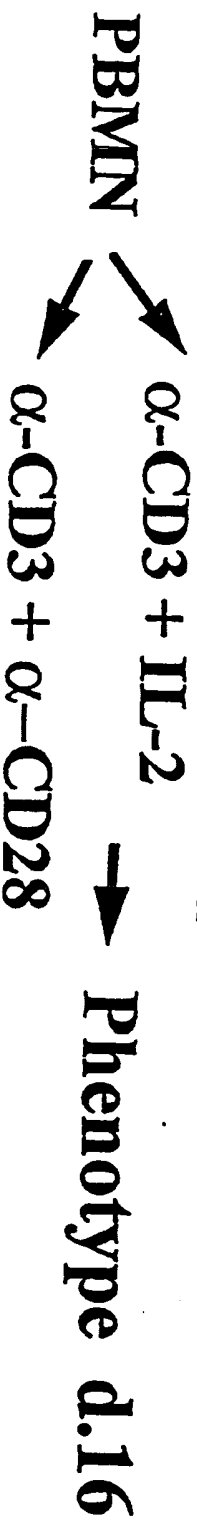


FIG. 3

Selective Outgrowth of CD4⁺ T Cells During CD28 Stimulated T Cell Expansion



Culture	Day 0		Day 16	
	CD4	CD8	CD4	CD8
	30.9		13.9	
CD3 + IL-2			8.0	
CD3 + CD28			52.5	

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FIG. 4

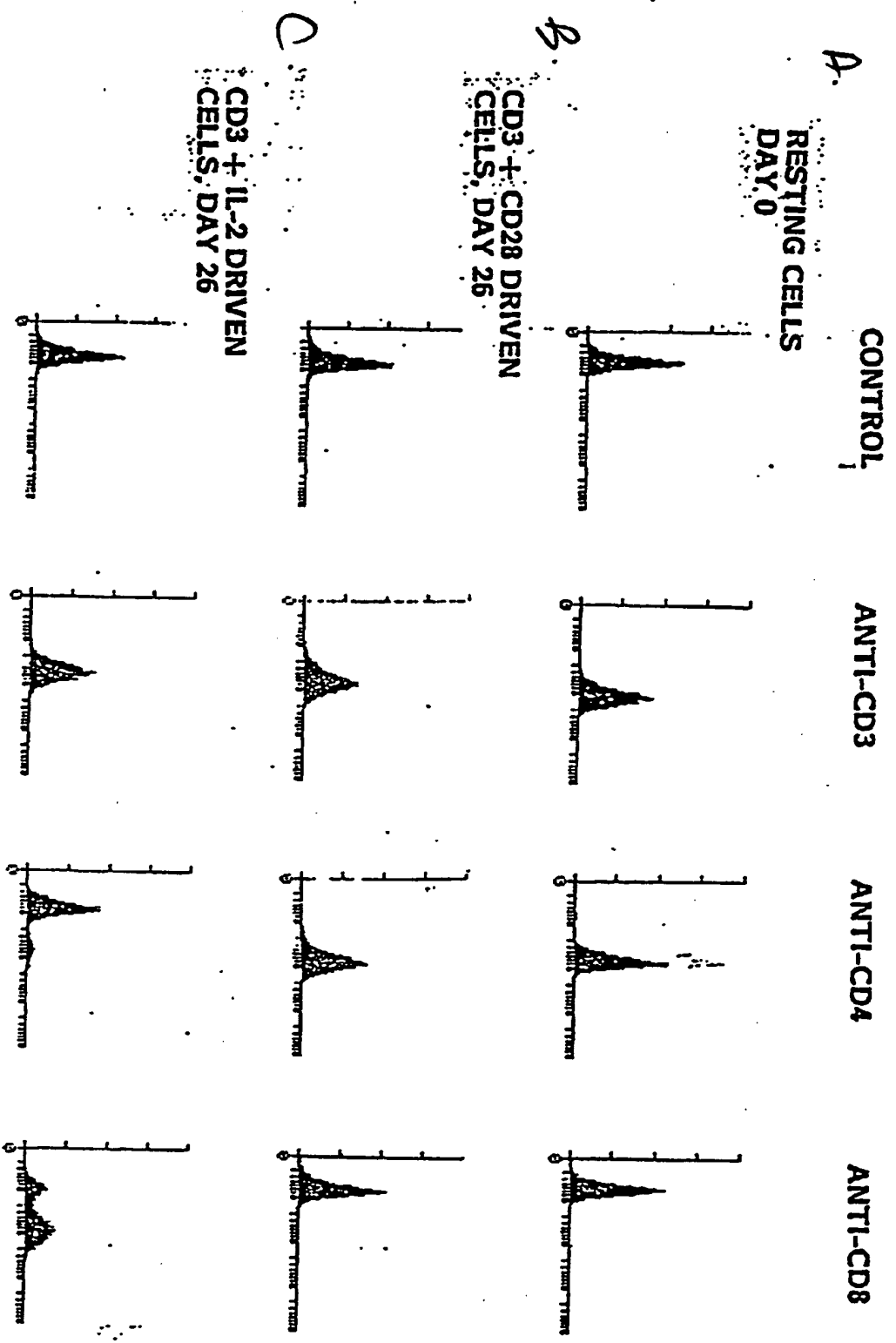
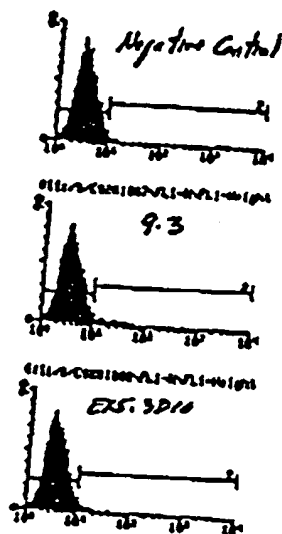


FIG. 5

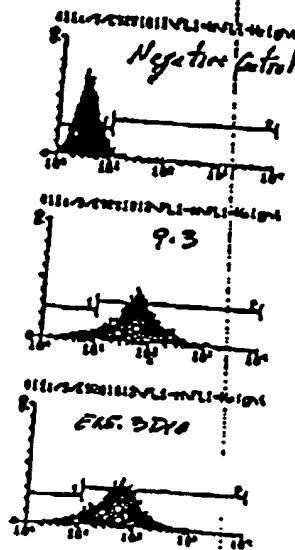
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mAb EX5.3D10

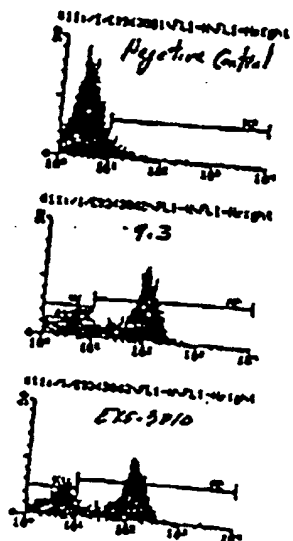
a. CHO-DG44 cells



b. CHO-hh cells



c. Unactivated PBLs



d. Jurkat #7 cells

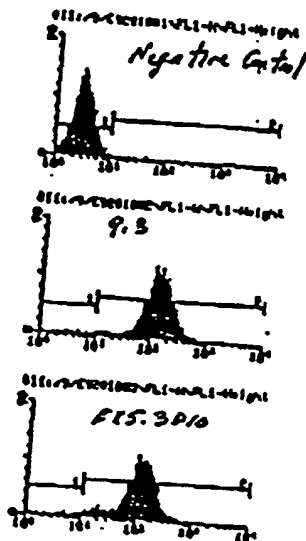
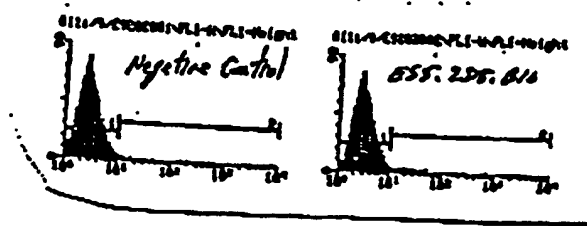


FIG. 6

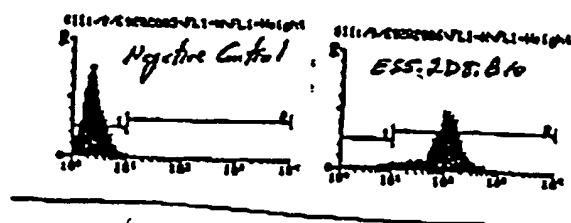
866207-5508760

mAb ES5.2D8

a. CHO-DG44 cells



b. CHO-105A cells



hPBLs:

c. Unactivated

d. PMA Activated

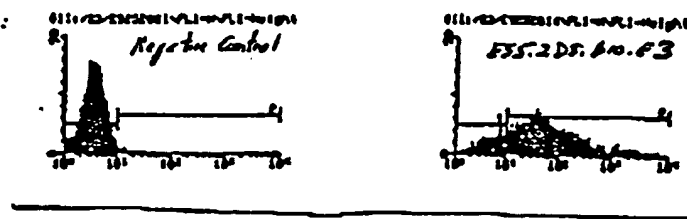


FIG. 7

86620T-550E8T60

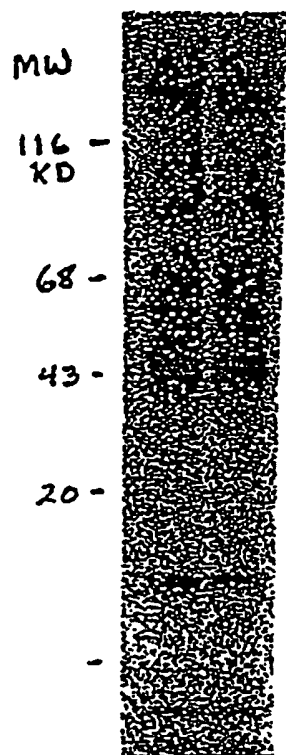


FIG. 8

Use of Cell Sizing to Propagate

CD4⁺ T Cells

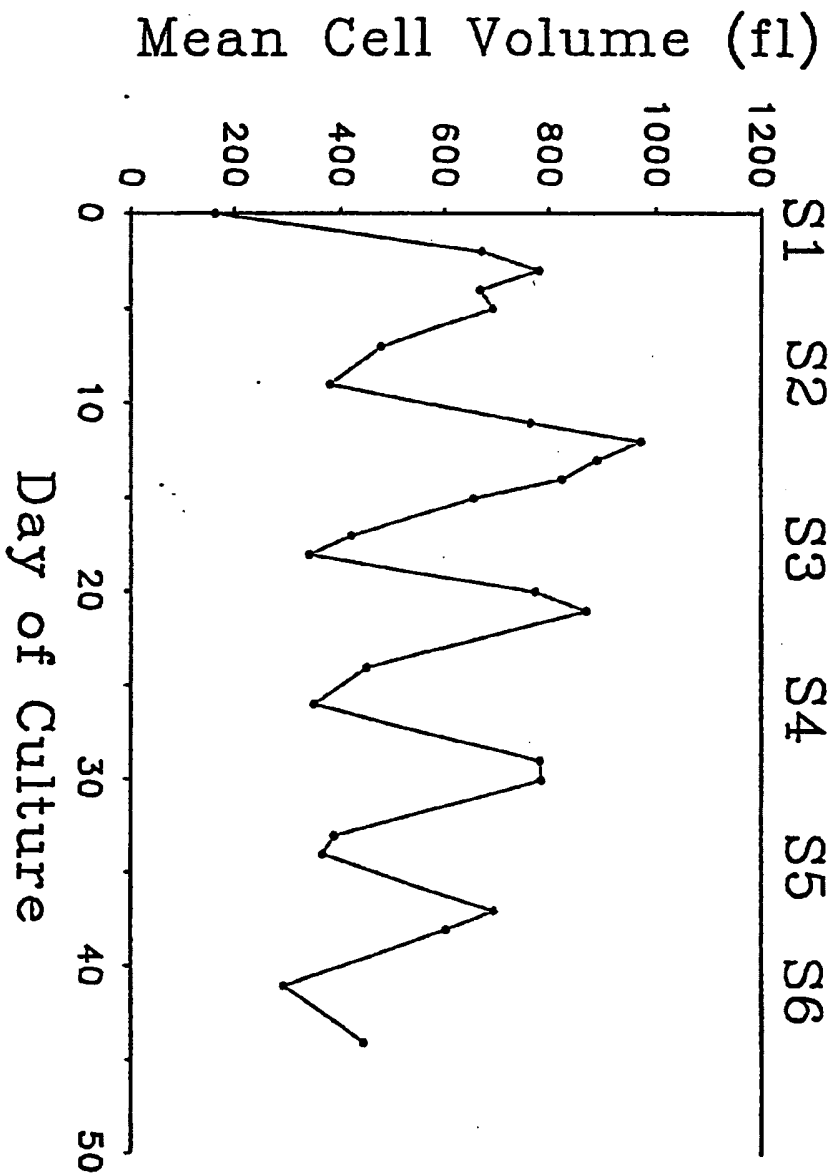


FIG. 9

Cells: CD28⁺/CD4⁺
Stimulation: CD3 + CD28

Cyclic Expression of B7 on CD4⁺ T Cells

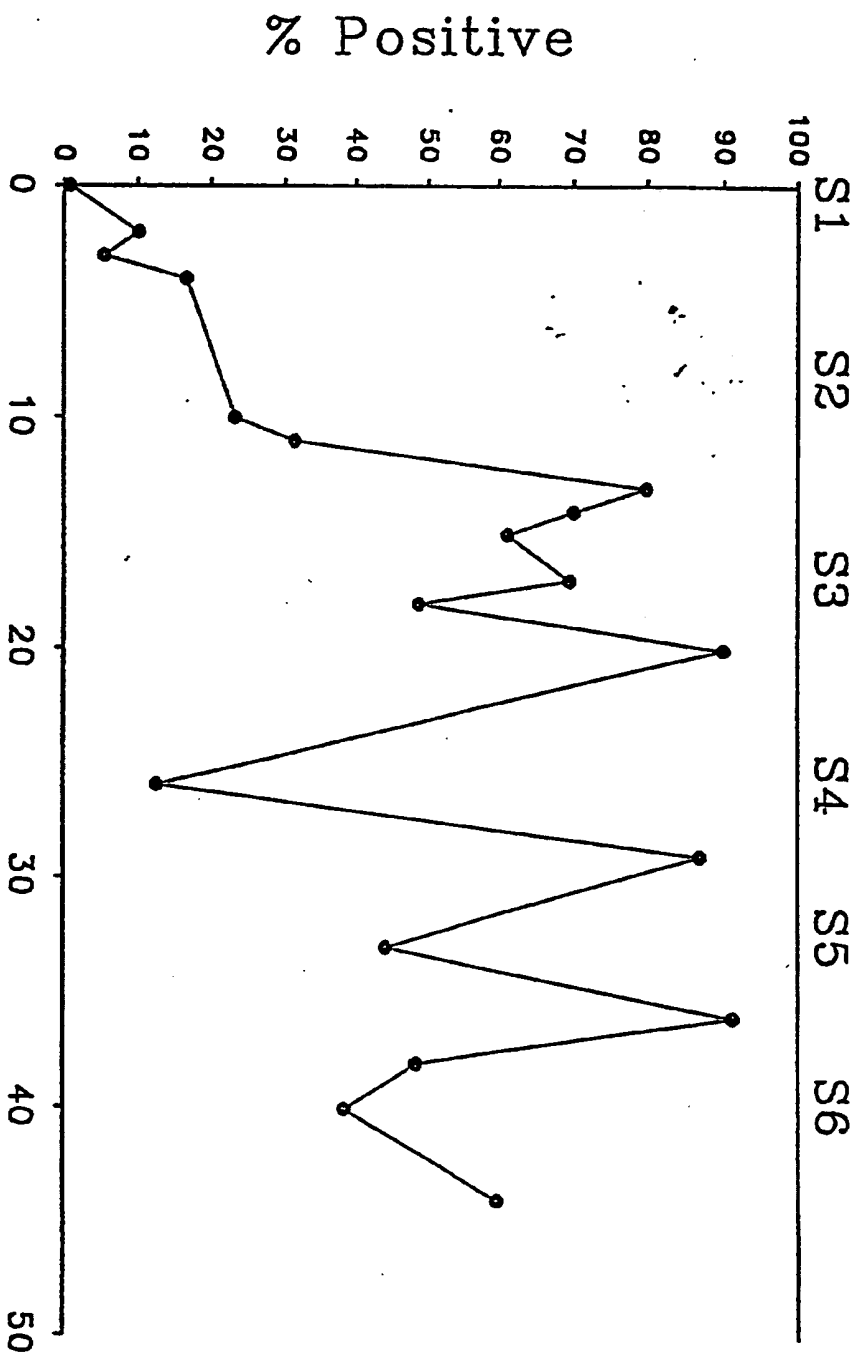


FIG. 10

Cells: CD4⁺/CD28⁺

Day of Culture

Stimulation: CD3sp + CD28

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Cytokine Accumulation in Culture Supernatants

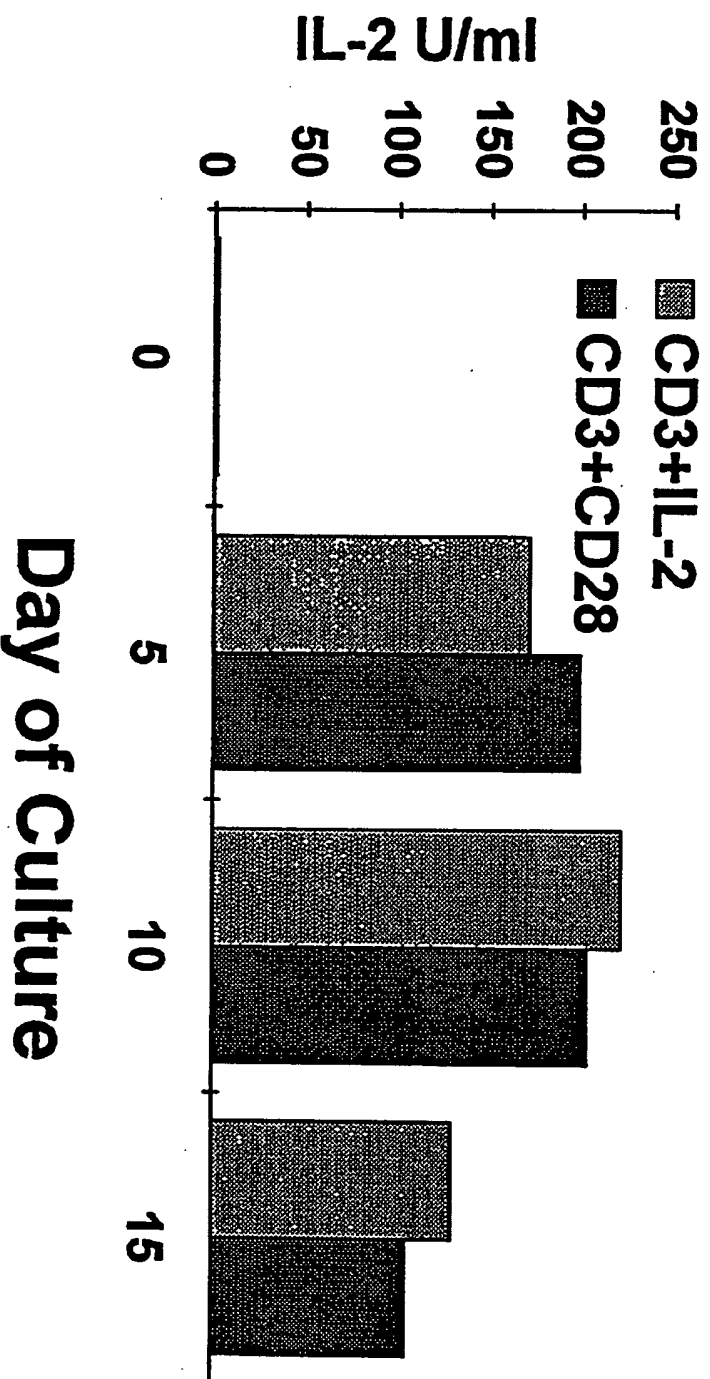


FIG. 11

Cytokine Accumulation in Culture Supernatants

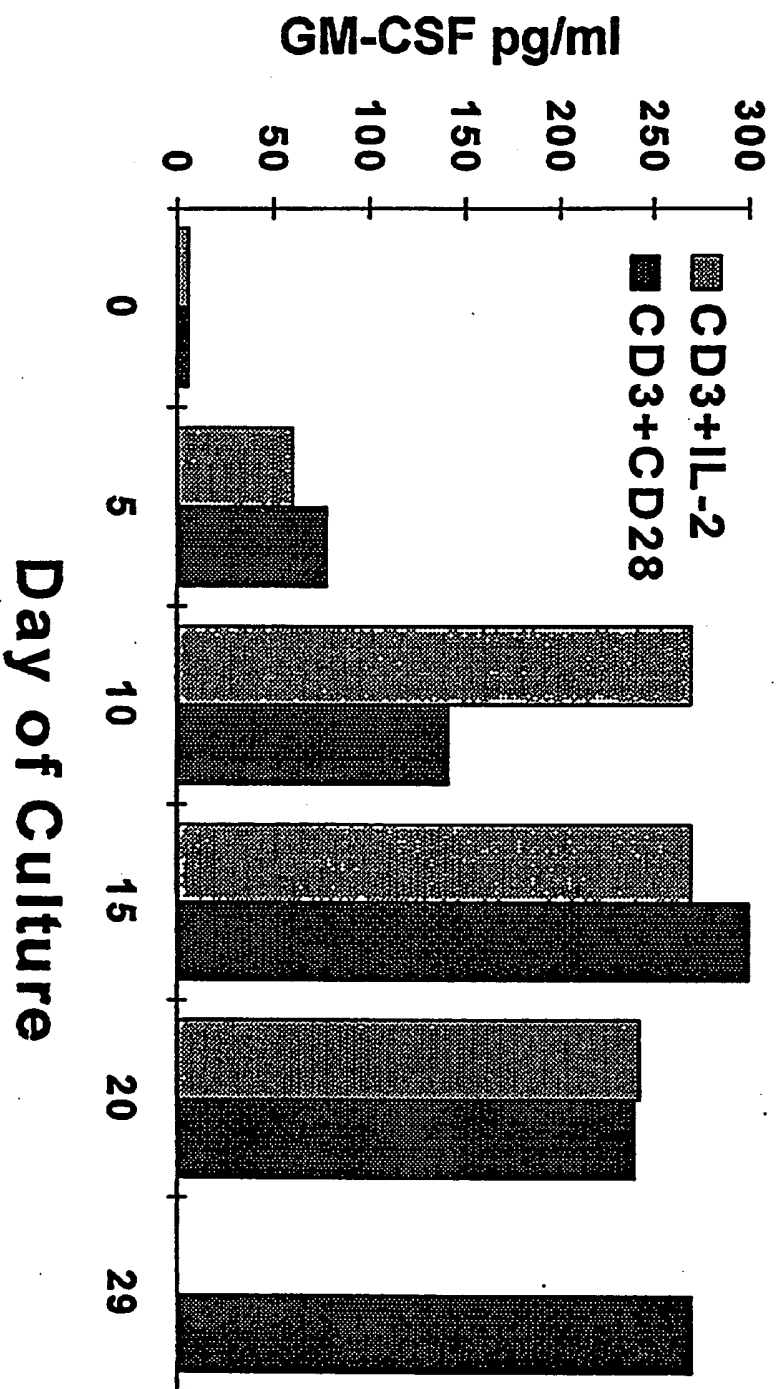


FIG. 12

Cytokine Accumulation in Culture Supernatants

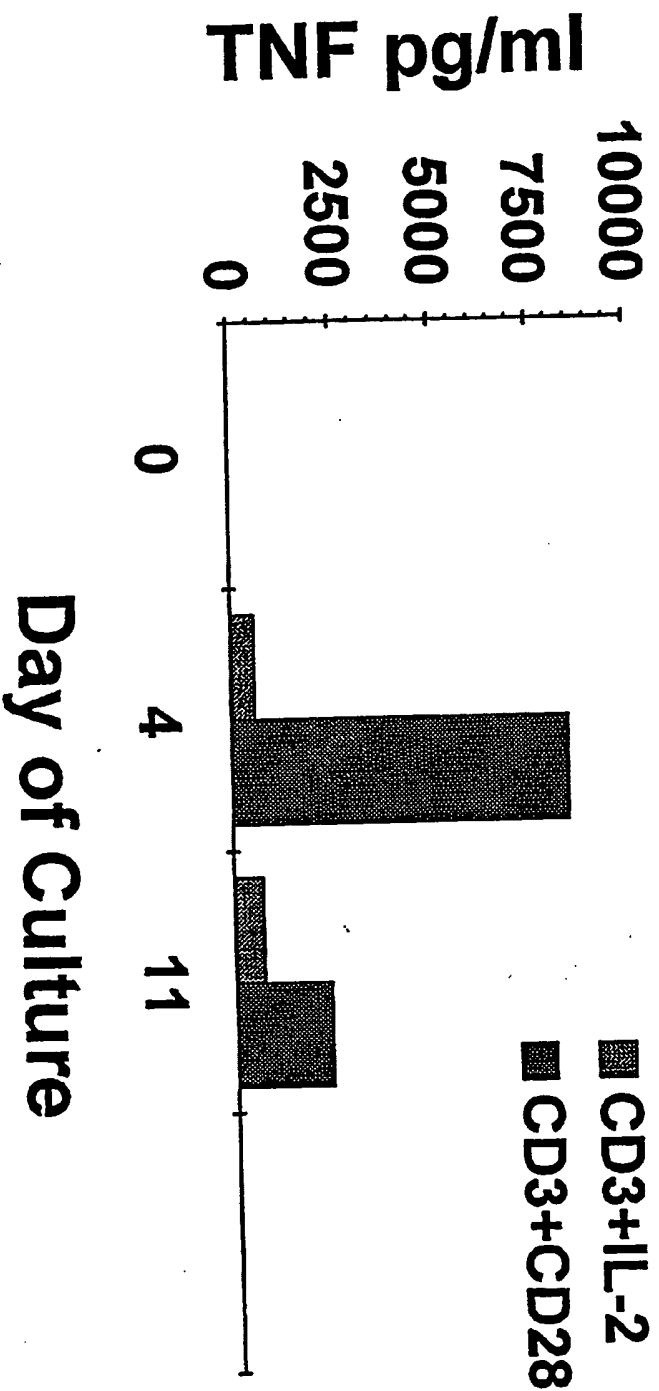


FIG. 13

TCR Diversity

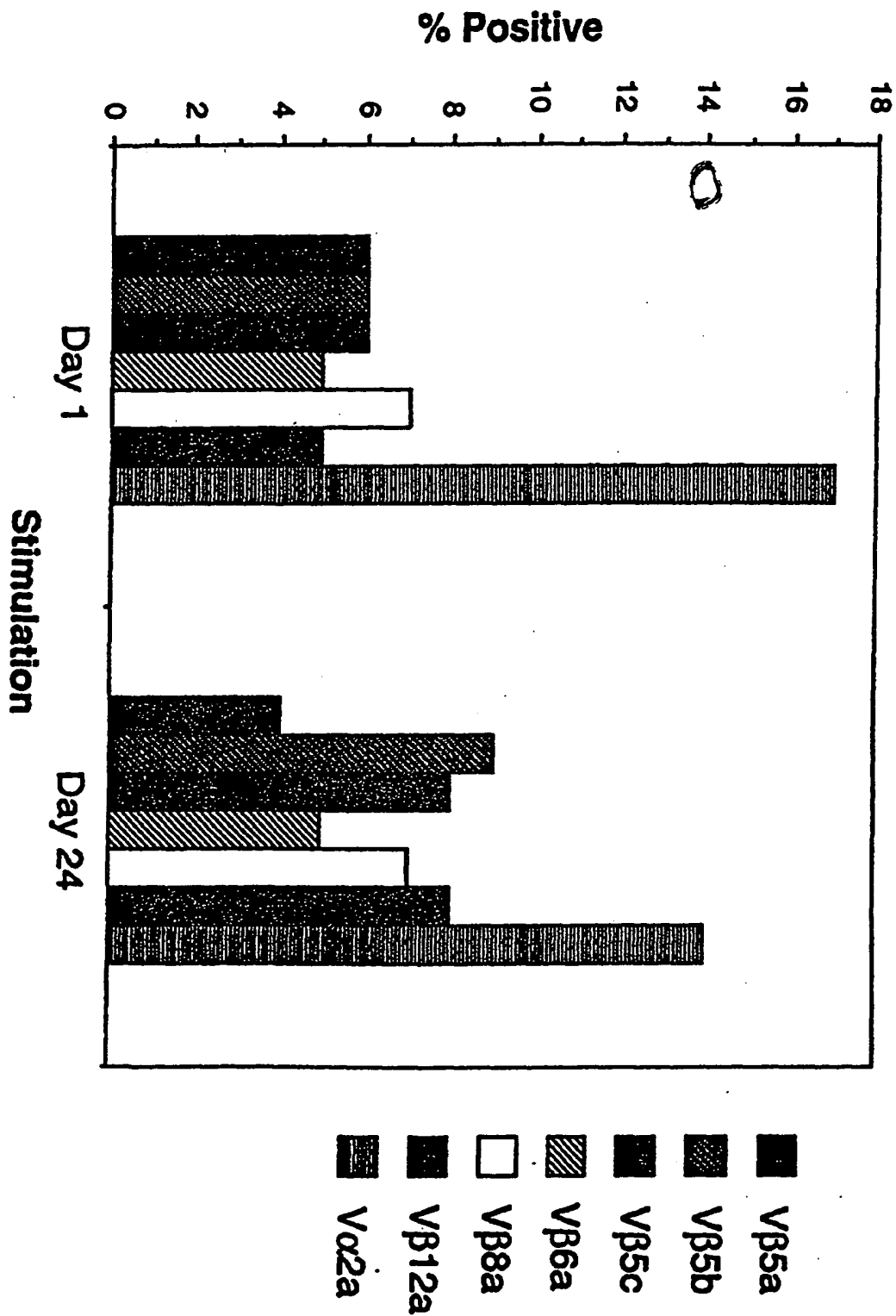


FIG. 14

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(HIV-) Cell Surface Staining

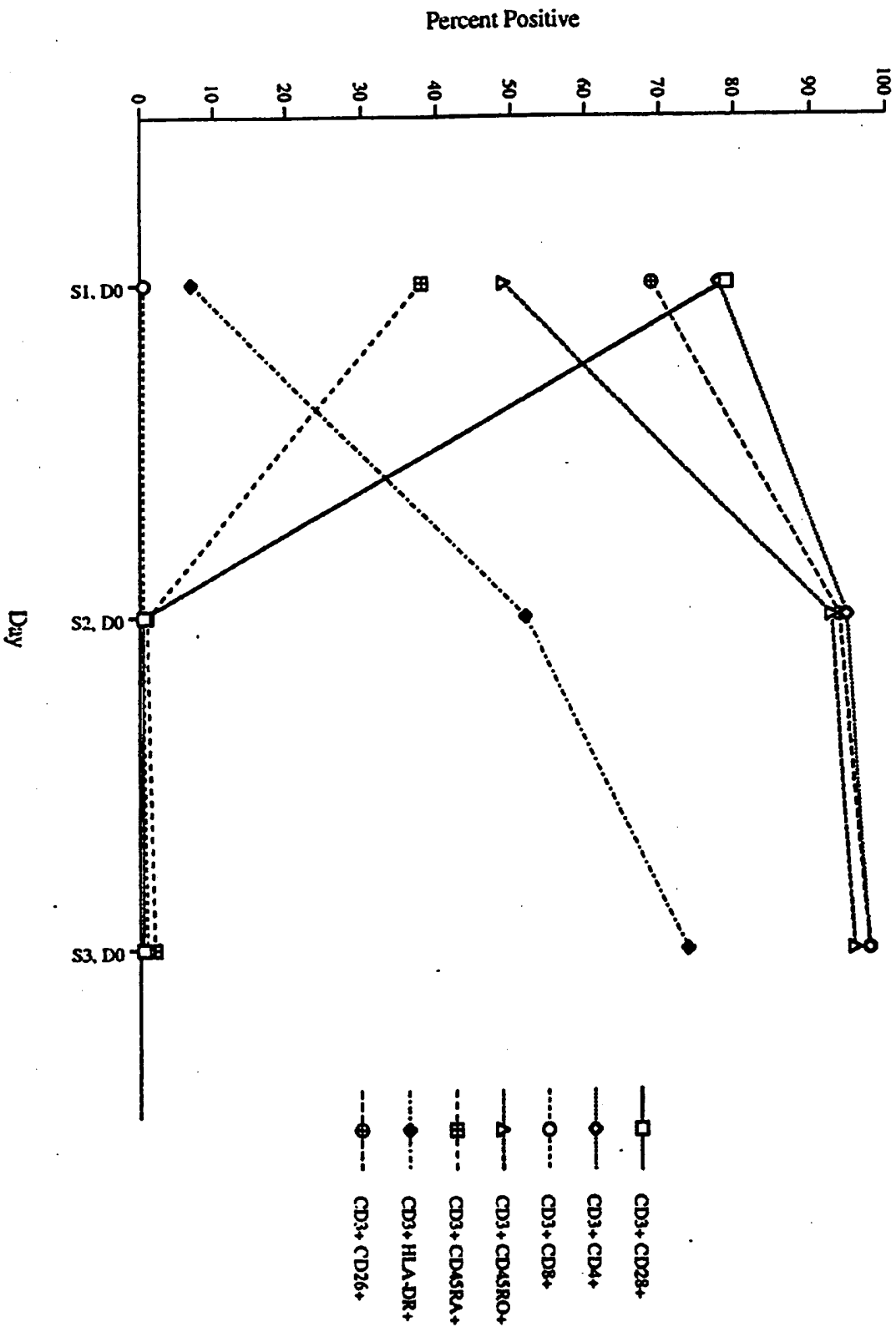


FIG. 15

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(HIV+) Cell Surface Staining

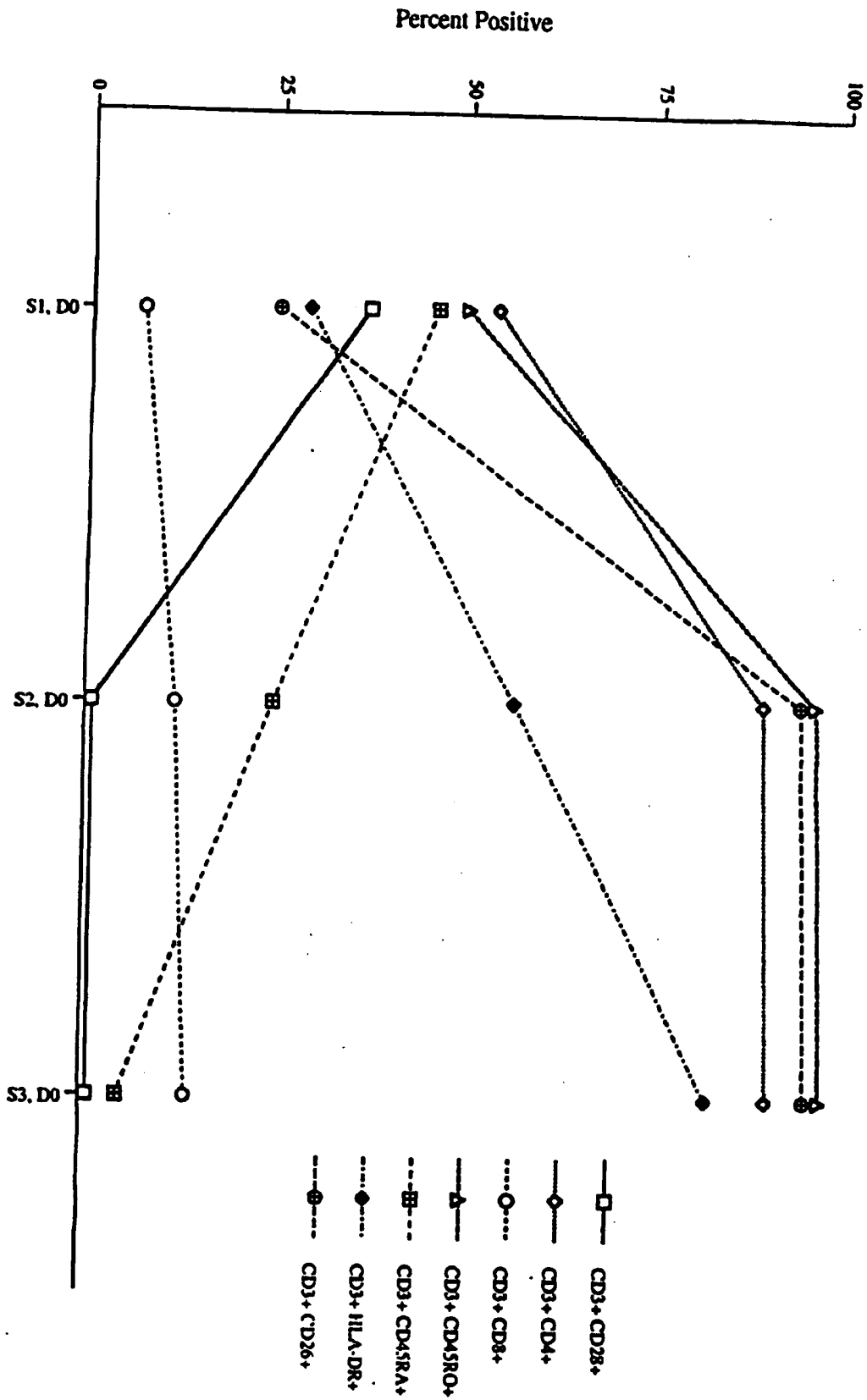
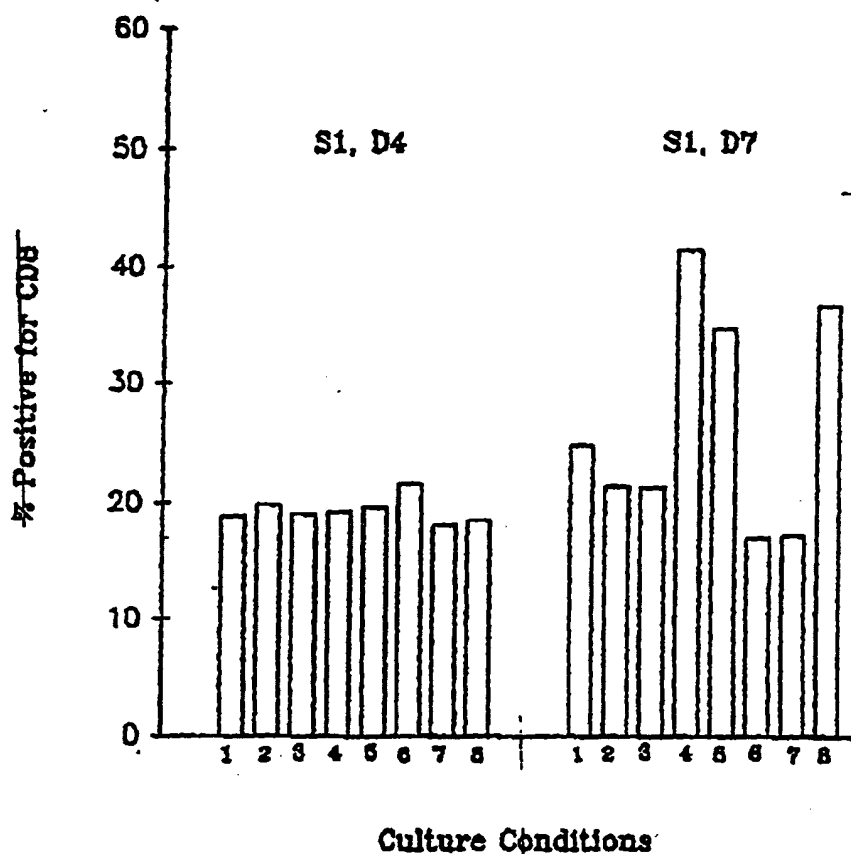


FIG. 16

09183055 102998

866201 55088160

% Positive for CD8



- #1: G19-4sp + IL-2
- #2: G19-4sp + 9.3
- #3: G19-4sp + EX5.3D10
- #4: G19-4sp + ES4.2D8
- #5: G19-4sp + 7G11
- #6: G19-4sp + 9.3 + ES4.2D8
- #7: G19-4sp + 9.3 + 7G11
- #8: G19-4sp + ES4 + 7G11

FIG. 17

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866207.5508160

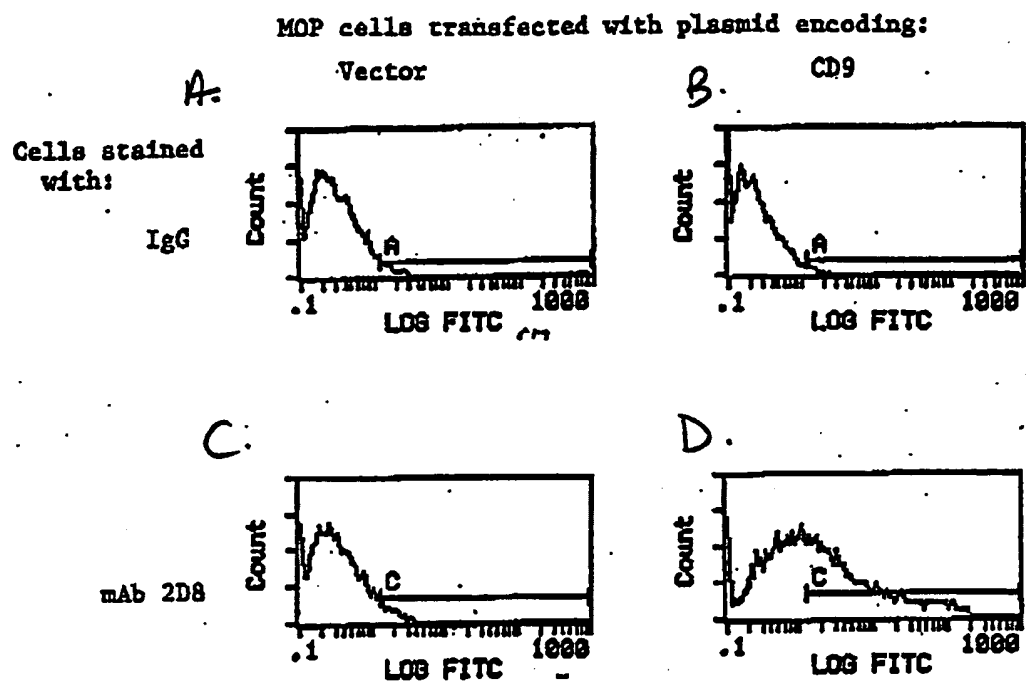


FIG. 18